



**Application No:** GB 9412896.4  
**Claims searched:** 1 to 9

**Examiner:** John Twin  
**Date of search:** 24 July 1995 Patent Office

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Switchboard  
01633-814000

**Patents Act 1977**  
**Search Report under Section 17**

**Databases searched:**

UK Patent Office collections, including GB, EP, WO & US patent specifications, in:

UK Cl (Ed.N): A4L (LAP, LBNA, LBNB); B7B (BTX1); F2S (SSL)

Int Cl (Ed.6): A47C 3/02; A47D 9/02,13/10; B62B 9/22

Other: Online: WPI

**Documents considered to be relevant:**

Category	Identity of document and relevant passage	Relevant to claims
X	GB2132080A (Todd) - see eg page 1, lines 14-20	1 at least
X	GB1320891 (Paxon)	1 at least
X	EP250263A2 (Berkovich) - see eg column 1, lines 3-6	1 at least
X	EP54423A1 (McGrillen)	1 at least
A	US3653080 (Hafele)	

X	Document indicating lack of novelty or inventive step	A	Document indicating technological background and/or state of the art.
Y	Document indicating lack of inventive step if combined with one or more other documents of same category.	P	Document published on or after the declared priority date but before the filing date of this invention.
&	Member of the same patent family	E	Patent document published on or after, but with priority date earlier than, the filing date of this application.

(12) **UK Patent Application** (19) **GB** (11) **2 279 265** (13) **A**

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A6S S30 S34

(56) Documents Cited  
GB 0578642 A US 5029047 A US 4904220 A  
US 4664640 A US 3978610 A US 3564759 A

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UK CL (Edition M ) A6S  
INT CL<sup>5</sup> A63H

(54) An attachable frame for suspension of a decorative article

(57) By attaching the frame, from which a decorative article such as a mobile is suspended, to a bouncing chair it is the natural movement of the baby that moves the mobile - there is no need for air movement, manual help or the use of a motor. The mobile is controlled totally by the baby. Further stimulation of the baby can be achieved by changing the mobile. The decorative article may be constructed of a material capable of producing noise.

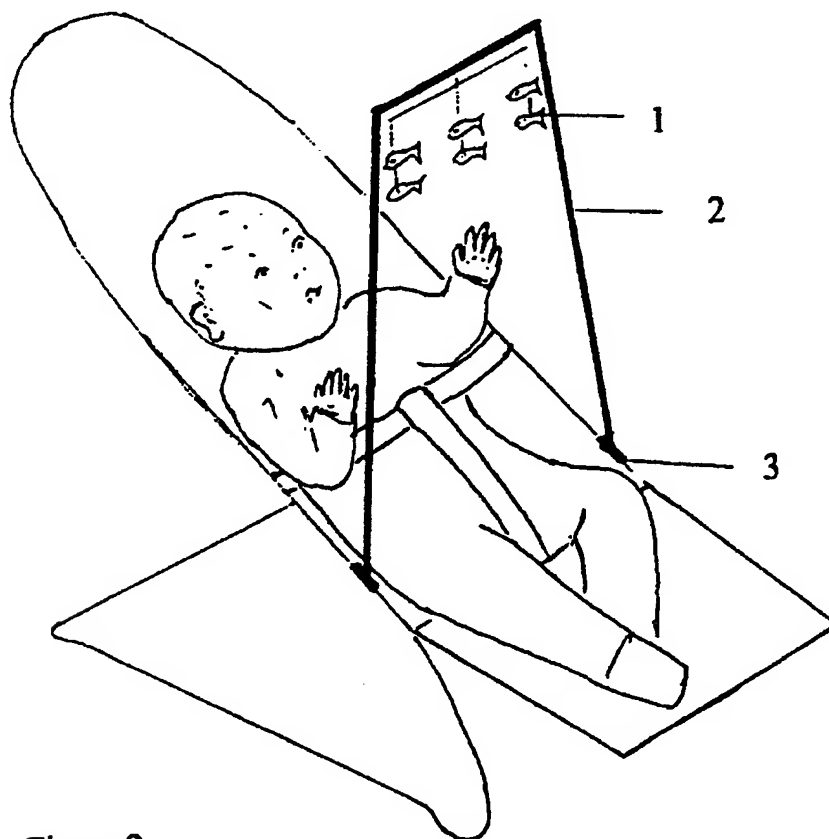


Figure 2

GB 2 279 265 A

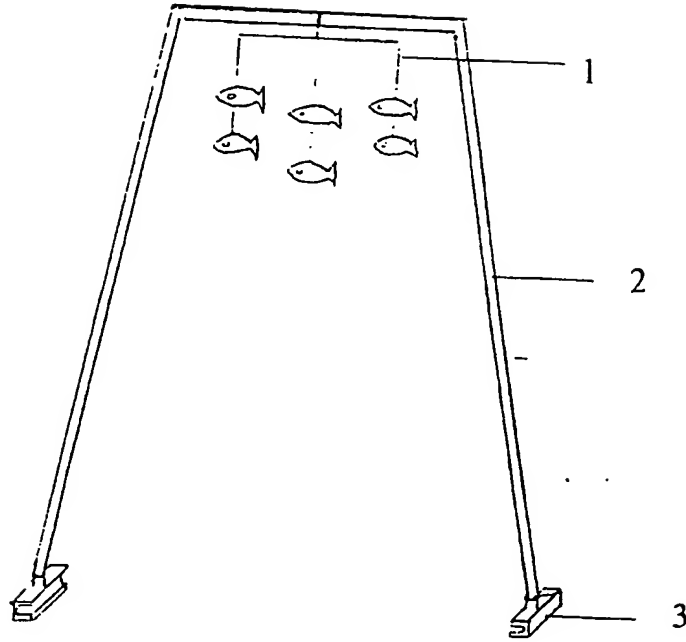


Figure 1

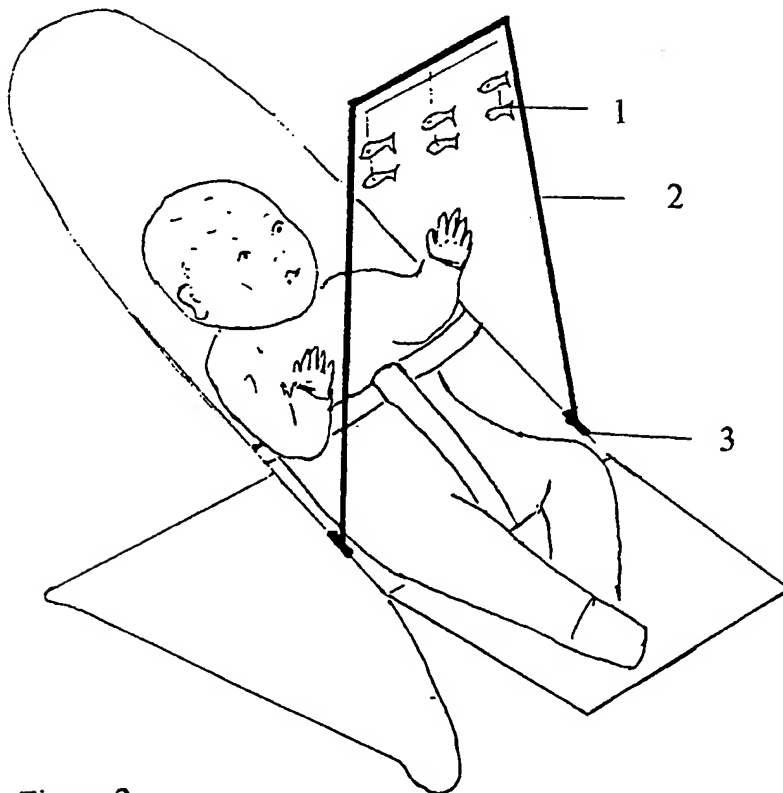


Figure 2

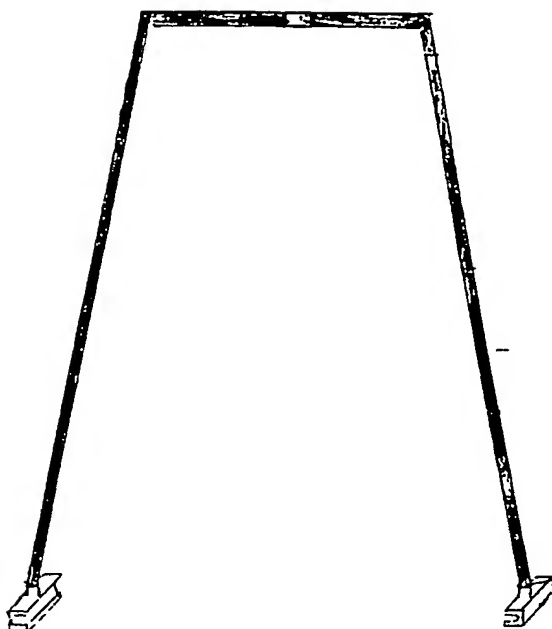


Figure 3

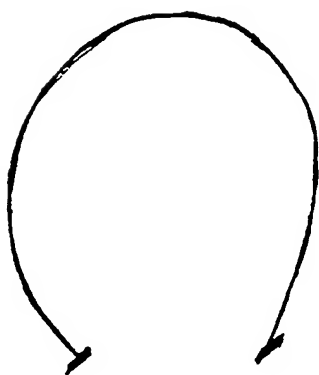


Figure 4

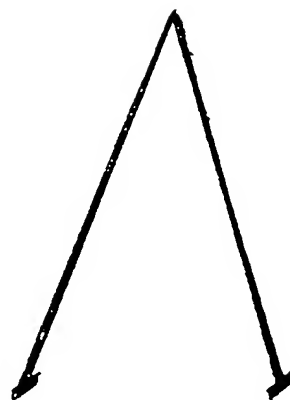


Figure 5

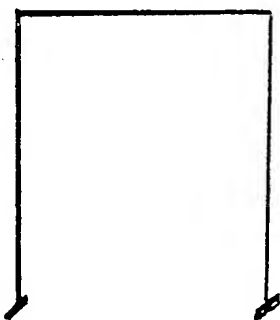


Figure 6

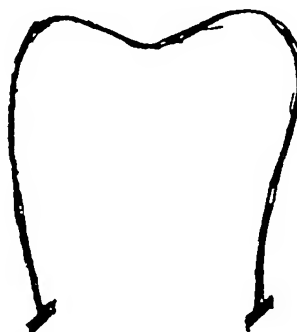


Figure 7

## **An attachable frame for suspension of a decorative article**

This invention relates to a frame for suspension of a decorative article for attachment to a baby bouncing cradle or similar.

At an early stage of its development a baby can be stimulated by a mobile decorative article being suspended within visual range. 'A mobile' represents one of the few relevant 'toys' available to a very young baby given that a baby cannot play independently with other 'toys' until it is 4 months old, the age when eye/hand co-ordination begins to develop.

The mobility of the decorative article normally depends on natural air movement, manual help or the use of a motor.

According to the present invention there is provided a frame which at the base has plastic clips to attach to a bouncing cradle or similar. From the frame is suspended a decorative article (mobile).

A specific embodiment of the invention will now be described by way of example with reference to the accompanying drawing which:-

Figure 1 shows in perspective the frame (1) the attaching clips (2) and decorative article (3)

Figure 2 shows the attachment of the frame to a bouncing cradle in its implementation.

Referring to the drawing the frame comprises a strip or rod formed into a shape approximating a hoop.

At both ends of the frame are attached clips which enable the frame to be attached to a bouncing cradle or similar.

From the top of the frame is suspended a decorative article.

## CLAIMS

- 1 An attachable frame for suspension of a decorative article comprising a metal frame which at the base has plastic clips to attach it to a bouncing cradle or similar. From the frame is suspended a decorative article (mobile).
- 2 An attachable frame for suspension of a decorative article as claimed in Claim 1 wherein the metal frame is plastic coated.
- 3 An attachable frame for suspension of a decorative article as claimed in Claim 1 wherein the frame is manufactured from plastic.
- 4 An attachable frame for suspension of a decorative article as claimed in Claim 1 wherein the frame is manufactured from wood.
- 5 An attachable frame for suspension of a decorative article as claimed in Claim 1 wherein the shape of the frame is as per Figure 3.
- 6 An attachable frame for suspension of a decorative article as claimed in Claim 1 wherein the shape of the frame is as per Figure 4.
- 7 An attachable frame for suspension of a decorative article as claimed in Claim 1 wherein the shape of the frame is as per Figure 5.
- 8 An attachable frame for suspension of a decorative article as claimed in Claim 1 wherein the shape of the frame is as per Figure 6.
- 9 An attachable frame for suspension of a decorative article as claimed in Claim 1 wherein the shape of the frame is as per Figure 7.
- 10 An attachable frame for suspension of a decorative article as claimed in Claim 1 wherein the attaching clips are manufactured in metal.
- 11 An attachable frame for suspension of a decorative article as claimed in Claim 1 wherein the attaching clips are manufactured in metal and plastic coated.
- 12 An attachable frame for suspension of a decorative article as claimed in Claim 1 wherein the attaching clips are tiered in size.

CLAIMS cont.

- 12 An attachable frame for suspension of a decorative article as claimed in Claim 1 wherein the attaching clips are manually adjustable with a thumb screw.
- 13 An attachable frame for suspension of a decorative article as claimed in Claim 1 wherein the attaching clips are hinged.
- 14 An attachable frame for suspension of a decorative article as claimed in Claim 1 wherein the decorative article could be permanently attached to the frame.
- 15 An attachable frame for suspension of a decorative article as claimed in Claim 1 wherein the decorative article could be removed and exchanged for another decorative article.
- 16 An attachable frame for suspension of a decorative article as claimed in Claim 1 wherein the decorative article could be constructed from cardboard .
- 17 An attachable frame for suspension of a decorative article as claimed in Claim 1 wherein the decorative article could be constructed from plastic .
- 18 An attachable frame for suspension of a decorative article as claimed in Claim 1 wherein the decorative article could be constructed from metal.
- 19 An attachable frame for suspension of a decorative article as claimed in Claim 1 wherein the decorative article could be constructed from metal.
- 20 An attachable frame for suspension of a decorative article as claimed in Claim 1 wherein the decorative article could be constructed from a material capable of producing noise.
- 21 An attachable frame for suspension of a decorative article substantially as described herein with reference to Figures 1 - 9 of the accompanying drawing.

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**Relevant Technical Fields**

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(ii) Int Cl (Ed.5) A63H

Search Examiner  
R A H CASLING

Date of completion of Search  
17 AUGUST 1994

**Databases (see below)**

(i) UK Patent Office collections of GB, EP, WO and US patent specifications.

(ii)

Documents considered relevant following a search in respect of Claims :-  
1-21

**Categories of documents**

- |   |   |
|---|---|
| <b>X:</b> Document indicating lack of novelty or of inventive step.   | <b>P:</b> Document published on or after the declared priority date but before the filing date of the present application.        |
| <b>Y:</b> Document indicating lack of inventive step if combined with one or more other documents of the same category. | <b>E:</b> Patent document published on or after, but with priority date earlier than, the filing date of the present application. |
| <b>A:</b> Document indicating technological background and/or state of the art.   | <b>&amp;:</b> Member of the same patent family; corresponding document.   |

Category	Identity of document and relevant passages		Relevant to claim(s)
X	GB 578642	(PAGE) - see page 1 lines 9-25 and page 1 line 94 to page 2 line 30	1,16-19
X	US 5029047	(RACHEL) - see column 2 lines 5-7, column 2 lines 19-32, column 3 lines 29-31	1,12,20
X	US 4904220	(WILLIAMS) - see column 1 line 64 to column 2 line 48	1,12,14,15,20
X	US 4664640	(SHINDO) - see column 3 line 58 to column 4 line 31	1,6,13
X	US 3978610	(STUBBMANN) - see whole document	1,3,6,14-17
X	US 3564759	(BUTTERMORE) - see whole document	1,10,12,20

**Databases:** The UK Patent Office database comprises classified collections of GB, EP, WO and US patent specifications as outlined periodically in the Official Journal (Patents). The on-line databases considered for search are also listed periodically in the Official Journal (Patents).